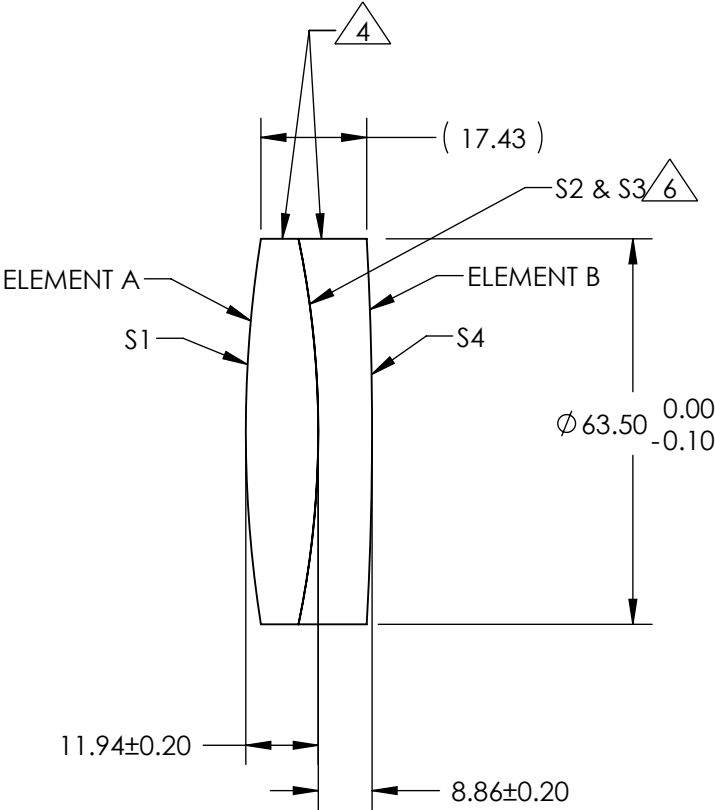


NOTES:

- 1. ALLOWABLE OPTICAL MATERIAL: GRADE A FINE ANNEALED
ELEMENT A: SCHOTT: N-BK7 517/642
ELEMENT B: SCHOTT: N-SF2 648/339
- 2. CENTERING TOLERANCE:
BEAM DEVIATION: 5 arc min.
- 3. COATING (APPLY ACROSS COATING APERTURE)
S1 & S4: 1/4 Wave MgF2@550nm
Ravg ≤1.75% 400-700nm (BK7)
S2 & S3: NONE

- 4. FINE GROUND SURFACE
- 5. FOCAL LENGTH TOLERANCE: ± 1%
- 6. ELEMENTS TO BE CEMENTED WITH NORLAND OPTICAL ADHESIVE NOA 61



FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	ELEMENT A		ELEMENT B	
	S1	S2	S3	S4
SHAPE	CONVEX	CONVEX	CONCAVE	CONVEX
RADIUS	203.94	-156.41	-156.41	-569.60
SURFACE QUALITY	60-40	60-40	60-40	60-40
CLEAR APERTURE	62.70	62.70	62.70	62.70
BEVEL MAX FACE	0.4mm x 45°	0.4mm x 45°	0.4mm x 45°	0.4mm x 45°

EFL (AT 587.6nm)	354.87	 Edmund Optics®	
BFL (AT 587.6nm)	344.52		
ALL DIMS IN	mm	TITLE	LENS LARGE ACHROMAT 63.5MM DIA X 354.87MM FL MgF2
		DWG NO	31402